

# AOC

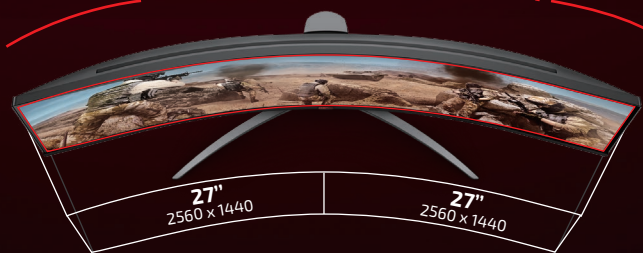
## EXTENDED <sup>32:9</sup> YOUR GROUND



### AG493UCX2 49" Curved Gaming Monitor

- 5K DUAL QHD 5120 x 1440
- FreeSync Premium tear-free immersion
- DisplayHDR 400
- 165Hz Refresh Rate
- 1ms Response Time

32 : 9, 1800R, VA Panel



AMD  
FreeSync  
Premium



VESA CERTIFIED  
DisplayHDR™ 400



91%  
DCI-P3

HDR10  
HIGH DYNAMIC  
RANGE



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vision at Heart



## ► Features



### Ultra Clear Sensation with 5K Resolution

With a stunning 5120 x 1440 Dual QHD 5K solution, this monitor brings your favorite colors, video and images to life. Perfect for movies and gaming, the 5K display delivers immaculate clarity for even the most pixel-packed visuals. Images and videos look even more gorgeous with Picture-by-Picture (PBP), which technically splits the screen into two.



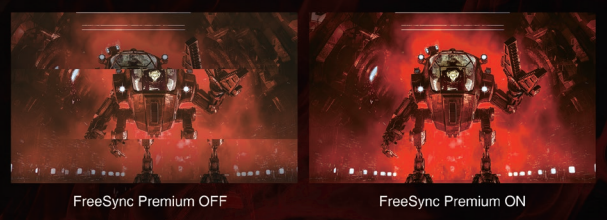
### Expand your perspective with an ultra wide view in Full HD

32:9 SuperWide screen, is designed to replace multiscreen setups for massive wide view. It's like having two 16:9 displays side-by-side. SuperWide monitors offer screen area of dual monitors without the complicated setup.



### FreeSync Premium delivers ultra-smooth tear-free gaming

Screen tearing and stuttering doesn't only harm gaming performance, it also destroys immersion. AMD FreeSync Premium addresses this by keeping your monitor's refresh rate synced with your processor's. This technology works best on 120Hz and above refresh rates on higher resolution screens, while also supporting low framerate compensation features.



### Universal respected standard for display visual

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.



### Colorful visuals for all to enjoy

The renowned DCI-P3 color gamut covers a wide range of tones and is known for being in line with many cinema standards. This makes it a top choice for film enthusiasts and video editors as well.



### The e-sports professional standard for gaming

With a 165Hz refresh rate and 1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



### Delivering immersion and eye comfort

Curved screens offer a more immersive user experience that puts you at the center of the action. By mimicking the curvature of the eye, it is also less straining to track movement around the screen. The screen's deeper-than-average curvature provides a more engaging experience and allow you to enjoy beautiful visuals from almost any angle.



### Connecting your eyes with your hands

Low input lag streamlines the user-to-monitor input process. This technology provides much faster motion delivery, so you'll always be up-to-speed with in-game action at just the right time.



### Multitask like it was nothing

Picture-by-Picture empowers you to multitask like it was nothing. These features display and fine-tune content from different PCs sources onto your screen at once, making it much easier to work on multiple projects at the same time.



### Powerful connectivity

One cable is all you need. USB Type-C™ technology carries both the power and the display signal and data to the screen in one simple cable. It provides an ultra-clean, sleek look and convenience of a one-cable connection.



### Connectable with other devices

HDMI compatibility unlocks a wider array of connectivity options for users, including gaming consoles, laptops, Blu-Ray players, and more. DisplayPort is the main PC-to-monitor connection format in the industry, with better refresh rates and the ability to transmit good quality audio in addition to visual data.

## ► Specifications

Model Name	AG493UCX2
Panel	49" (VA / 1800R)
Pixel Pitch (mm)	0.2331 (H) x 0.2331 (V)
Effective Viewing Area (mm)	1191.936 (H) x 335.232 (V)
Brightness	550 cd/m <sup>2</sup> (Typical)
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	4ms (OD) / 1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 100% (CIE1976) / sRGB 121% (CIE1931) / DCI-P3 91% (CIE1976)
Optimum Resolution	5120 × 1440 @ 165Hz - DisplayPort1.4 <sup>[1]</sup> 5120 × 1440 @ 75Hz - HDMI2.0 5120 × 1440 @ 120Hz - USB-C <sup>[2]</sup>
Display Colors	16.7 Million
Signal Input	HDMI 2.0 (HDR) x 3, DisplayPort 1.4 (HDR) x 1, USB-C (DP Alt) x 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 x 3
USB-C Power Delivery	Up to 65W
Power Supply	100 - 240V ~ 3A, 50 / 60Hz
Power Consumption (typical)	68W
Speakers	5W x 2
Line in & Earphone	Earphone x 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 100mm, Swivel: -15.5° ~ 15.5°, Tilt: -5° ~ 15°
Product without Stand (mm)	369.4 (H) x 1194.4 (W) x 153.24 (D)
Product with Stand (mm)	467.6~567.6 (H) x 1194.4 (W) x 308.0 (D)
Product without Stand (kg)	10.9
Product with Stand (kg)	14.4
Cabinet Color	Black & Grey
Regulatory Approvals	BSMI / CE / CB / FCC

[1]: To enable 5120x1440 resolution at 165 Hz with DSC, a graphic card supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support  
[2]: When the USB is set to USB 2.0, the max resolution of USB C interface is 5120x1440 @120Hz  
[3]: AG493UCX2 has been upgraded to AMD FreeSync Premium version since Apr.2022 (manufactured date)